



## Advisory Announcement

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**CONTACT: Katie Taylor**  
Assistant Area Management Biologist  
kathryn.taylor@alaska.gov  
(907) 772-3801

### 2022 POINT GARDNER AND KINGSMILL TEST FISHERIES UPDATE # 3

Point Gardner and Kingsmill test fisheries are ongoing projects that assess pink and chum salmon abundance returning to Section 9-B and District 10. Test fishing at Point Gardner occurs one day per week for 5 weeks starting in statistical week 27 (June 26 – July 2). The Point Gardner test fishery has proven to be a very good indicator for pink salmon returning to Frederick Sound and lower Stephens Passage, particularly to District 10. The Kingsmill test fishery occurs one day per week for four weeks starting in statistical week 28 (July 3 – July 9). The Kingsmill test fishery is used as an indicator for runs returning to Frederick Sound and to eastern lower Chatham Strait (Section 9-B and District 10). Results from the Kingsmill test fishery are generally less conclusive since the test fishery will catch fish heading north to Frederick Sound and south to Rowan and Tebenkof Bays.

This year the *F/V St. Janet* is conducting both test fisheries.

**Point Gardner:** The third test fishery was conducted on Tuesday, July 12. All seven scheduled sets were completed. Pink salmon harvests were below the recent 10-year average (2012 – 2021) but above the even year average of 3,700 (1992 – 2020). Chum salmon harvests were well above the recent 10-year average. Male sex ratios for pink salmon were 75%. Male sex ratios for chum salmon were 50%.

**Kingsmill:** The second test fishery was conducted on Wednesday, July 13. All seven of the scheduled sets were completed. Pink salmon harvests were well below the recent 10-year average. Chum salmon harvests were below the recent 10-year average. Pink salmon sex ratios were 70% male. Chum salmon sex ratios were 54% male.

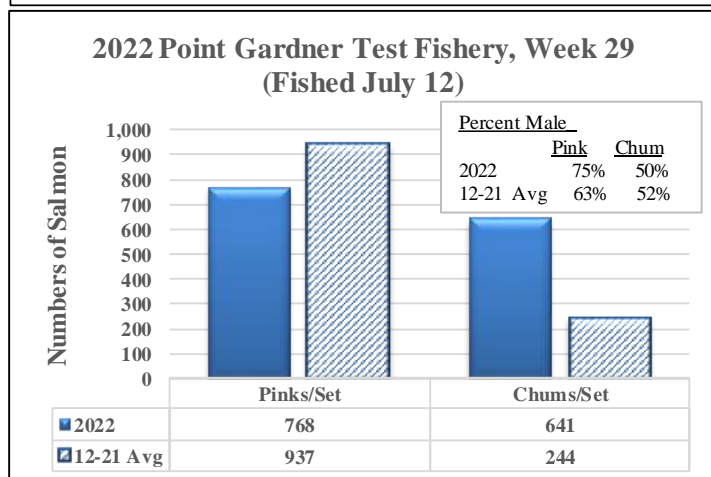
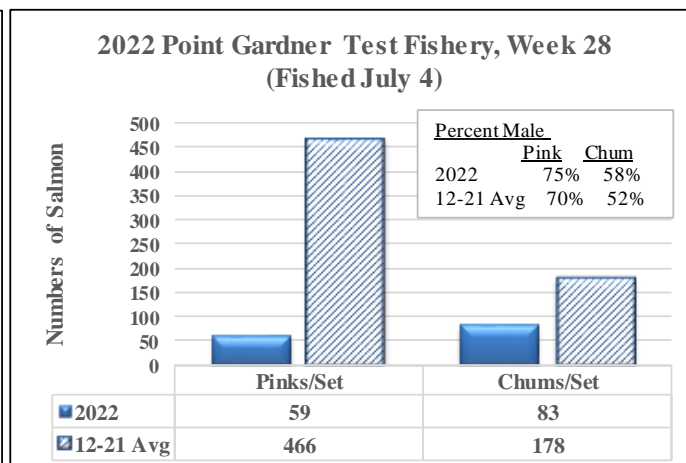
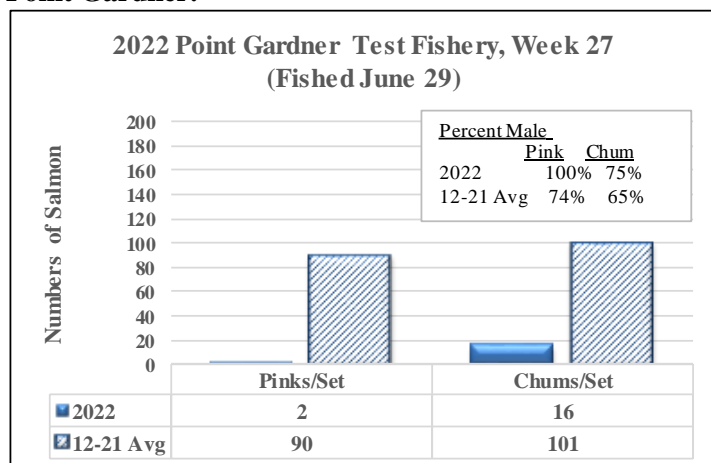
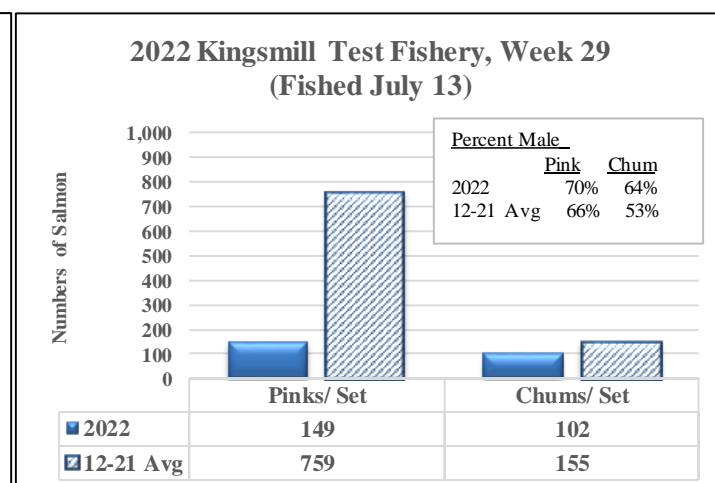
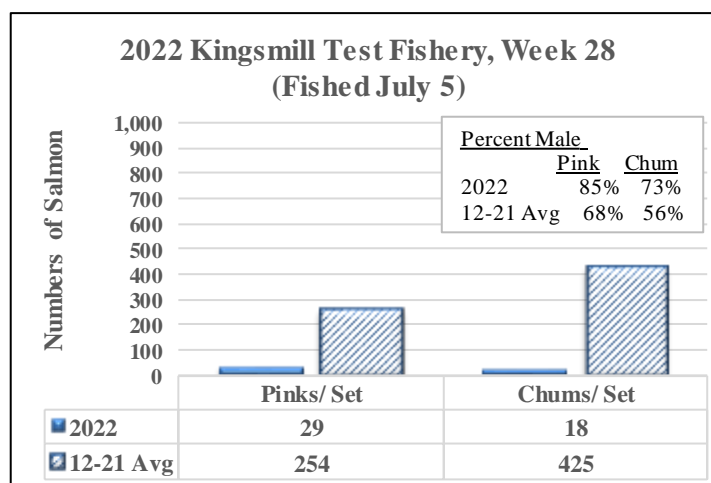
**Run Strength:** Test fishery results were inconclusive. Point Gardner reflected an average harvest rate of pink salmon and an above average harvest rate of chum salmon. Kingsmill results were below the recent 10-year average for both pink and chum salmon.

**Sex Ratio Sampling:** Sex ratio sampling is used as a tool in determining run timing. Numbers of males are higher during the beginning of the run and females are more numerous during the latter part of the run. Comparing this year's sex ratios to the historical average provides an indication of whether the run is earlier, later, or similar in run timing to previous runs. If the sex ratios were representative, the Point Gardner and Kingsmill test fisheries imply a later than normal pink salmon run timing. Chum salmon run timing is likely near average.

#### Average Weights:

- Point Gardner: pink salmon: 3.6 pounds; chum salmon: 6.1 pounds.
- Kingsmill: pink salmon: 4.0 pounds; chum salmon: 6.9 pounds.

**Next Test Fisheries:** Point Gardner and Kingsmill test fisheries are scheduled for Monday, July 18, and Tuesday, July 19.

**Point Gardner:****Kingsmill:**

Advisory Announcement web site: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>.

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